



Sir Padampat Singhania Education Centre
Kamla Nagar, Kanpur

Lesson Plan
Session 2025 - 2026
Class: XII

Subject : **BIOTECHNOLOGY**
Book : **NCERT**

Subject Coordinator
Name:

Sign:

Head of Department
Name: MAYURI SENGAR KANJILAL

Sign:



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Yearly Syllabus/Planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XII

No. of periods : 219

Month	Assessed in	Lesson/s to be covered	Period Count
APRIL	Test 1, 2, Half Yearly Exam, Pre-Board	Chapter-1: Recombinant DNA Technology	20
MAY	Test 2, Half Yearly Exam, Pre-Board	Chapter-2: Protein Structure and Engineering	25
JUNE	Test 2, Half Yearly Exam, Pre-Board	Chapter-2: Protein Structure and Engineering	01
JULY	Half Yearly Exam, Pre-Board	Chapter-3: Genomics, Proteomics and Bioinformatics	26
AUGUST	Half Yearly Exam, Pre-Board	Chapter-1: Microbial Cell Culture and its Applications	25
SEPTEMBER	Pre-Board	Chapter -2: Plant Cell Culture and Applications	24
OCTOBER	Pre-Board	Chapter-3: Animal Cell Culture and Applications	19
NOVEMBER	Board Exams	Revision of unit 1	23
DECEMBER	Board Exams	Revision of unit 2	25
JANUARY	Board Exams	Revision of unit 1 AND 2	18
FEBRUARY	Board Exams	Revision of full syllabus	13

Subject coordinator:

HOD:



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Monthly Syllabus/Planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XII

No. of periods : 219

Month	Date/Week		Lesson/s to be covered in classroom	Period Count
	From	To		
APRIL	03-04-25	30-04-25	Chapter-1: Recombinant DNA Technology	20
MAY	01-05-25	31-05-25	Chapter-2: Protein Structure and Engineering	25
JUNE	01-06-25	30-06-25	Chapter-2: Protein Structure and Engineering	01
JULY	01-07-25	31-07-25	Chapter-3: Genomics, Proteomics and Bioinformatics	26
AUG	01-08-25	31-08-25	Chapter-1: Microbial Cell Culture and its Applications	25
SEP	01-09-25	30-09-25	Chapter -2: Plant Cell Culture and Applications	24
OCT	01-10-25	31-10-25	Chapter-3: Animal Cell Culture and Applications	19
NOV	01-11-25	30-11-25	Revision of unit 1	23
DEC	01-12-25	31-12-25	Revision of unit 2	25
JAN	01-01-26	31-01-26	Revision of unit 1 AND 2	18
FEB	01-02-26	29-02-26	Revision of full syllabus	13

Subject coordinator:

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Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY Class : XII No. of periods : 07

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 1: 03-04-25 to 05-04-25		Period Count: 03	
PD1			
PD2			
PD3			
PD4	CHAPTER 1 START	Diagram	Yes
PD5	Introduction, Tool of Recombinant DNA technology	-	-
LAB	Introduction, Tool of Recombinant DNA technology	Diagram	Yes
WEEK 2 : 07.04.25 to 12.04.25		Period Count: 04	
PD1	Introduction, Tool of Recombinant DNA technology	Learn the notes	Yes
PD2	Introduction, Tool of Recombinant DNA technology	Learn the notes	Yes
PD3	making rDNA molecule	Learn the notes	Yes
PD4	making rDNA molecule		
PD5	making rDNA molecule	Learn the notes	Yes
LAB	SECOND Saturday		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XII

No. of periods : 10

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 3: 14-04-25 to 19-04-25		Period Count: 04	
PD1	AMBEDKAR JAYANTI HOLIDAY		
PD2	Introduction of recombinant DNA into host cells	Diagram	Yes
PD3	Introduction of recombinant DNA into host cells	Diagram	Yes
PD4	Identification of recombinants	Learn the notes	Yes
PD5	GOOD FRIDAY HOLIDAY		
LAB	Polymerase Chain Reaction (PCR), DNA Sequencing	Learn the notes	Yes
WEEK 4: 21.04.25 to 26.04.25		Period Count: 06	
PD1	Polymerase Chain Reaction (PCR), DNA Sequencing	Read NCERT	Yes
PD2	Polymerase Chain Reaction (PCR), DNA Sequencing	Learn the notes	Yes
PD3	CHAPTER 2 : START	Learn the notes	Yes
PD4	Polymerase Chain Reaction (PCR), DNA Sequencing	In text question	Yes
PD5	Polymerase Chain Reaction (PCR), DNA Sequencing	In text ques/ans	Yes
LAB	Polymerase Chain Reaction (PCR), DNA Sequencing	Write the practical	Yes

Subject coordinator

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Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XII

No. of periods : 11

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 5: 28-04-25 to 03-05-25		Period Count: 06	
PD1	Structure-function Relationship in proteins	Practice crossing	
PD2	Structure-function Relationship in proteins	Practice crossing	
PD3	Structure-function Relationship in proteins	Practice crossing	
PD4	Characterization of proteins	Practice crossing	
PD5	Characterization of proteins	Practice crossing	
PD6	Characterization of proteins	Practice crossing	
WEEK 6: 05-05-25 to 10-05-25		Period Count: 05	
PD1	Characterization of proteins	Practice crossing	
PD2	Characterization of proteins	Practice crossing	
PD3	Characterization of proteins	Learn the notes	
PD4	Characterization of proteins	Learn the notes	
PD5	Protein based products	Learn the notes	
PD6	SECOND SATURDAY	-	

Subject coordinator

Supervisor

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Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XII

No. of periods : 11

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 7: 12-05-25 to 17-05-25		Period Count: 05	
PD1	BUDDHA PURNIMA HOLIDAY		
PD2	Protein based products	Practice crossing	
PD3	Protein based products	Practice crossing	
PD4	Protein based products	Learn the notes	
PD5	Protein based products	Read ncert	
PD6	Protein based products	Read ncert	
WEEK 8: 19-05-25 to 24-05-25		Period Count: 06	
PD1	Designing proteins (Protein Engineering)	Learn the notes	
PD2	Designing proteins (Protein Engineering)	Learn the notes	
PD3	Designing proteins (Protein Engineering)	Learn the notes	
PD4	Designing proteins (Protein Engineering)	Read ncert	
PD5	Designing proteins (Protein Engineering)	Read ncert	
PD6	Designing proteins (Protein Engineering)	Write the practical	

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Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XII

No. of periods : 06

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 9: 26-05-25 to 31-05-25		Period Count: 06	
PD1	Class quiz of chapter 1	-	
PD2	Class quiz of chapter 2	Learn the notes	
PD3	Revision of chapter 1 and 2	Complete the lab manual	-
PD4	Holiday	-	-
PD5	Summer vacations	-	-
LAB	Summer vacations		-
WEEK 10: 02.06.25 to 07.06.25		Period Count: 00	
PD1	SUMMER VACATION	-	-
PD2	SUMMER VACATION	-	-
PD3	SUMMER VACATION	-	-
PD4	SUMMER VACATION	-	-
PD5	SUMMER VACATION	-	-
LAB	SUMMER VACATION	-	-

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Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XII

No. of periods : 00

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 11: 09-06-25 to 14-06-25		Period Count: 00	
PD1	SUMMER VACATION	-	-
PD2	SUMMER VACATION	-	-
PD3	SUMMER VACATION	-	-
PD4	SUMMER VACATION	-	-
PD5	SUMMER VACATION	-	-
LAB	SUMMER VACATION	-	-
WEEK 12: 16.06.25 to 21.06.25		Period Count: 00	
PD1	SUMMER VACATION	-	-
PD2	SUMMER VACATION	-	-
PD3	SUMMER VACATION	-	-
PD4	SUMMER VACATION	-	-
PD5	SUMMER VACATION	-	-
LAB	SUMMER VACATION	-	-

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Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XII

No. of periods : 06

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 13: 23-06-25 to 28-06-25		Period Count: 00	
PD1	SUMMER VACATION	-	-
PD2	SUMMER VACATION	-	-
PD3	SUMMER VACATION	-	-
PD4	SUMMER VACATION	-	-
PD5	SUMMER VACATION	-	-
LAB	SUMMER VACATION	-	-
WEEK 14: 30-06.25 to 05.07.25		Period Count: 06	
PD1	CHAPTER 3 STARTS	Learn the notes	
PD2	Gene prediction and counting	Learn the notes	
PD3	Gene prediction and counting	Read NCERT	
PD4	Gene prediction and counting	Learn the notes	
PD5	Gene prediction and counting	Learn the notes	
LAB	Gene prediction and counting	Learn the notes	

Subject coordinator

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Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY Class : XII No. of periods : 11

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 15: 07-07-25 to 12-07-25		Period Count: 05	
PD1	Genome similarity	Learn the notes	
PD2	Genome similarity	Learn the notes	
PD3	Genome similarity	Diagram	
PD4	SNPs and Comparative genomics	Learn the notes	
PD5	SNPs and Comparative genomics	Read ncert	
LAB	SECOND SATURDAY		
WEEK 16: 14.07.25 to 19.07.25		Period Count: 06	
PD1	SNPs and Comparative genomics	Learn the notes	
PD2	SNPs and Comparative genomics	Learn the notes	
PD3	SNPs and Comparative genomics	Learn the notes	
PD4	Functional genomics	Learn the notes	
PD5	Functional genomics	Learn the notes	
LAB	Functional genomics	Read ncert	

Subject coordinator

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Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XII

No. of periods : 12

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 17: 26-07-25 to 27-07-25		Period Count: 06	
PD1	Proteomics, Information sources	Learn the notes	
PD2	Proteomics, Information sources	Learn the notes	
PD3	Proteomics, Information sources	Learn the notes	
PD4	Analysis using bioinformatics tools	Learn the notes	
PD5	Analysis using bioinformatics tools	In text questions	
LAB	Analysis using bioinformatics tools	In text questions	-
WEEK 18: 28.07.25 to 02.08.25		Period Count: 06	
PD1	Experiment no 1	Learn the notes	
PD2	Experiment no 1	Learn the notes	
PD3	Revision of chapter 2	Learn the notes	
PD4	Revision of chapter 3	Read ncert	
PD5	Chapter-1: Microbial Cell Culture and its Applications	Learn the notes	
LAB	Microbial nutrition and culture techniques	Learn the notes	

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Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XII

No. of periods : 09

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 19: 04-08-25 to 09-08-25		Period Count: 05	
PD1	Microbial nutrition and culture techniques	Learn the notes	
PD2	Microbial nutrition and culture techniques	Learn the notes	
PD3	Microbial nutrition and culture techniques	Learn the notes	
PD4	Microbial nutrition and culture techniques	Read ncert	
PD5	Measurement and kinetics of microbial growth	Read ncert	
LAB	SECOND SATURDAY	-	-
WEEK 20: 11.08.25 to 16.08.25		Period Count: 04	
PD1	Measurement and kinetics of microbial growth	In text questions	
PD2	Measurement and kinetics of microbial growth	Learn the notes	-
PD3	Measurement and kinetics of microbial growth	Learn the notes	
PD4	INDEPENDENCE DAY	-	
PD5	Janmashtami holiday		
LAB	Measurement and kinetics of microbial growth	Learn the notes	

Subject coordinator

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Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

1 Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XII

No. of periods : 12

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 21: 18-08-25 to 23-08-25		Period Count: 06	
PD1	Isolation of microbial products	Learn the notes	
PD2	Isolation of microbial products	Learn the notes	
PD3	Isolation of microbial products	Write the practical	
PD4	Isolation of microbial products	Write the practical	
PD5	Strain isolation and improvement	-	
LAB	Strain isolation and improvement	Read ncert	
WEEK 22: 25.08.25 to 30.08.25		Period Count: 06	
PD1	Strain isolation and improvement	Learn the notes	
PD2	Applications of microbial culture technology	Learn the notes	
PD3	Applications of microbial culture technology	Diagram	
PD4	Applications of microbial culture technology	Practice diagram	-
PD5	Applications of microbial culture technology	Diagram	
LAB	Revision of chapter 4	Diagram	

Subject coordinator

Supervisor

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Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XII

No. of periods : 11

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 23: 01-09-25 to 06-09-25		Period Count: 05	
PD1	Revision of Half Yearly Syllabus	Learn the notes	
PD2	Revision of Half Yearly Syllabus	In text questions	
PD3	Revision of Half Yearly Syllabus	Learn the notes	
PD4	Revision of Half Yearly Syllabus	Learn the notes	-
PD5	BARAWAFAT HOLIDAY	-	
LAB	Revision of Half Yearly Syllabus	-	-
WEEK 24: 08.09.25 to 13.09.25		Period Count: 06	
PD1	Revision of Half Yearly Syllabus	-	-
PD2	Revision of Half Yearly Syllabus	-	-
PD3	Revision of Half Yearly Syllabus	-	-
PD4	Revision of Half Yearly Syllabus	-	-
PD5	Revision of Half Yearly Syllabus	-	-
LAB	Revision of Half Yearly Syllabus	-	-

Subject coordinator

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Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XII

No. of periods : 12

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 25: 15-09-25 to 20-09-25		Period Count: 06	
PD1	HALF YEARLY EXAMINATION	-	-
PD2	HALF YEARLY EXAMINATION	-	-
PD3	HALF YEARLY EXAMINATION	-	-
PD4	HALF YEARLY EXAMINATION	-	-
PD5	HALF YEARLY EXAMINATION	-	-
LAB	HALF YEARLY EXAMINATION	-	-
WEEK 26: 22.09.25 to 27.09.25		Period Count: 06	
PD1	HALF YEARLY EXAMINATION	-	-
PD2	HALF YEARLY EXAMINATION	-	-
PD3	HALF YEARLY EXAMINATION	-	-
PD4	HALF YEARLY EXAMINATION	-	-
PD5	HALF YEARLY EXAMINATION	-	-
LAB	HALF YEARLY EXAMINATION	-	-

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XII

No. of periods : 08

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 27: 29-09-25 to 04-10-25		Period Count: 03	
PD1	CHAPTER 5 STARTS	Learn the notes	
PD2	ASHTAMI HOLIDAY		
PD3	NAVMI HOLIDAY		
PD4	DUSSEHRA HOLIDAY		
PD5	Cell and tissue culture techniques	Learn the notes	
LAB	Cell and tissue culture techniques	Learn the notes	
WEEK 28: 06.10.25 to 11.10.25		Period Count: 05	
PD1	Cell and tissue culture techniques	Learn the notes	
PD2	Cell and tissue culture techniques	Learn the notes	
PD3	Applications of cell and tissue culture	Read ncert	
PD4	Applications of cell and tissue culture	Read ncert	
PD5	Applications of cell and tissue culture	Read ncert	
LAB	SECOND SATURDAY	-	-

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XII

No. of periods : 08

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 29: 13-10-25 to 18-10-25		Period Count: 06	
PD1	Transgenic plants with beneficial traits	Diagram	
PD2	Transgenic plants with beneficial traits	Learn the notes	
PD3	Biosafety of transgenic plants	In text questions	
PD4	Biosafety of transgenic plants	Read ncert	
PD5	Chapter 6 : Starts	Read ncert	
LAB	Animal cell culture techniques	Learn the notes	
WEEK 30: 20.10.25 to 25.10.25		Period Count: 02	
PD1	DEEPAWALI HOLIDAY		-
PD2	DEEPAWALI HOLIDAY		-
PD3	DEEPAWALI HOLIDAY		
PD4	DEEPAWALI HOLIDAY		
PD5	Animal cell culture techniques	Learn the notes	
LAB	Animal cell culture techniques	Read ncert	

Subject coordinator

Supervisor

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Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XII

No. of periods : 11

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 31: 27-10-25 to 01-11-25		Period Count: 06	
PD1	Animal cell culture techniques	Write the practicals	
PD2	Animal cell culture techniques	Read ncert	
PD3	Animal cell culture techniques	Learn the notes	
PD4	Applications of animal cell culture	Learn the notes	
PD5	Applications of animal cell culture	Learn the notes	
LAB	Applications of animal cell culture	Learn the notes	
WEEK 32: 03.11.25 to 08.11.25		Period Count: 05	
PD1	Stem cell technology	Learn the topics discussed in class	
PD2	Stem cell technology	Learn the topics discussed in class	
PD3	GURUNANAK JAYANTI		
PD4	Revision of Chapter 5	Learn the topics discussed in class	
PD5	Revision of Chapter 6	Learn the topics discussed in class	
LAB	SECOND SATURDAY		

Subject coordinator

Supervisor

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Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XII

No. of periods : 12

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 33: 10-11-25 to 15-11-25		Period Count: 06	
PD1	FIRST PRE-BOARD EXAM	-	-
PD2	FIRST PRE-BOARD EXAM	-	-
PD3	FIRST PRE-BOARD EXAM	-	-
PD4	FIRST PRE-BOARD EXAM	-	-
PD5	FIRST PRE-BOARD EXAM	-	-
LAB	FIRST PRE-BOARD EXAM	-	-
WEEK 34: 17.11.25 to 22.11.25		Period Count: 06	
PD1	FIRST PRE-BOARD EXAM	-	-
PD2	FIRST PRE-BOARD EXAM	-	-
PD3	FIRST PRE-BOARD EXAM	-	-
PD4	FIRST PRE-BOARD EXAM	-	-
PD5	FIRST PRE-BOARD EXAM	-	-
LAB	FIRST PRE-BOARD EXAM	-	-

Subject coordinator

Supervisor

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Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XII

No. of periods : 11

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 35: 24-11-25 to 29-11-25		Period Count: 05	
PD1	GURU TEG BAHADUR SHAHIDI DIWAS		-
PD2	Revision of Chapter 1	Learn the topics discussed in class	
PD3	Revision of Chapter 1	Learn the topics discussed in class	-
PD4	Revision of Chapter 1	Learn the topics discussed in class	-
PD5	Revision of Chapter 1	Learn the topics discussed in class	-
LAB	Revision of Chapter 1	Learn the topics discussed in class	-
WEEK 36: 01.12.25 to 06.12.25		Period Count: 06	
PD1	Revision of Chapter 2	Learn the topics discussed in class	-
PD2	Revision of Chapter 2	Learn the topics discussed in class	-
PD3	Revision of Chapter 2	Learn the topics discussed in class	-
PD4	Revision of Chapter 2	Learn the topics discussed in class	
PD5	Revision of Chapter 2	Learn the topics discussed in class	
LAB	Revision of Chapter 2	Learn the topics discussed in class	-

Subject coordinator

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Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XII

No. of periods : 11

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 37: 08-12-25 to 13-12-25		Period Count: 05	
PD1	Revision of Chapter 3	Learn the topics discussed in class	
PD2	Revision of Chapter 3	Learn the topics discussed in class	
PD3	Revision of Chapter 3	Learn the topics discussed in class	
PD4	Revision of Chapter 3	Learn the topics discussed in class	
PD5	Revision of Chapter 3	Learn the topics discussed in class	
LAB	SECOND SATURDAY		
WEEK 38: 15.12.25 to 20.12.25		Period Count: 06	
PD1	SECOND PRE-BOARD EXAM	-	
PD2	SECOND PRE-BOARD EXAM	-	
PD3	SECOND PRE-BOARD EXAM	-	
PD4	SECOND PRE-BOARD EXAM	-	
PD5	SECOND PRE-BOARD EXAM	-	
LAB	SECOND PRE-BOARD EXAM	-	

Subject coordinator

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Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XII

No. of periods : 09

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 39: 22-12-25 to 27-12-25		Period Count: 06	
PD1	SECOND PRE-BOARD EXAM	-	-
PD2	SECOND PRE-BOARD EXAM	-	-
PD3	SECOND PRE-BOARD EXAM	-	-
PD4	CHRISTMAS HOLIDAY	-	-
PD5	SECOND PRE-BOARD EXAM	-	-
LAB	SECOND PRE-BOARD EXAM	-	-
WEEK 40: 29.12.25 to 03.01.26		Period Count: 03	
PD1	Revision of Chapter 4	Learn the topics discussed in class	
PD2	Revision of Chapter 4	Learn the topics discussed in class	
PD3	Revision of Chapter 4	Learn the topics discussed in class	
PD4	WINTER VACATION	-	-
PD5	WINTER VACATION	-	-
LAB	WINTER VACATION	-	-

Subject coordinator

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Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XII

No. of periods : 05

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 41: 05-01-26 to 10-01-26		Period Count: 01	
PD1	WINTER VACATION	-	-
PD2	WINTER VACATION	-	-
PD3	WINTER VACATION	-	-
PD4	WINTER VACATION	-	-
PD5	WINTER VACATION	-	-
LAB	WINTER VACATION	-	-
WEEK 42: 12.01.26 to 17.01.26		Period Count: 05	
PD1	Revision of Chapter 5	Learn the topics discussed in class	
PD2	Revision of Chapter 5	Learn the topics discussed in class	
PD3	MAKAR SANKRANTI		-
PD4	Revision of Chapter 5	Learn the topics discussed in class	
PD5	Revision of Chapter 5	Learn the topics discussed in class	
LAB	Revision of Chapter 5	Learn the topics discussed in class	

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Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XII

No. of periods : 10

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 43: 19-01-26 to 24-01-26		Period Count: 05	
PD1	Revision of Chapter 5	Learn the topics discussed in class	-
PD2	GURU GOVIND SINGH JAYANTI		
PD3	Revision of Chapter 5	Learn the topics discussed in class	
PD4	Revision of Chapter 5	Learn the topics discussed in class	
PD5	Revision of Chapter 6	Learn the topics discussed in class	-
LAB	Revision of Chapter 6	Learn the topics discussed in class	
WEEK 44: 26.01.26 to 31.01.26		Period Count: 05	
PD1	REPUBLIC DAY		
PD2	Revision of Chapter 6	Learn the topics discussed in class	
PD3	Revision of Chapter 6	Learn the topics discussed in class	
PD4	Revision of Chapter 6	Learn the topics discussed in class	
PD5	Revision of Chapter 6	Learn the topics discussed in class	
LAB	Revision of Chapter 6	Learn the topics discussed in class	

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XII

No. of periods : 12

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 45: 02-02-26 to 07-02-26		Period Count: 06	
PD1	Revision of Chapter 6	Learn the topics discussed in class	-
PD2	Revision of Chapter 6	Learn the topics discussed in class	
PD3	Revision of Chapter 6	Learn the topics discussed in class	
PD4	Revision of Chapter 6	Learn the topics discussed in class	
PD5	Revision of Chapter 6	Learn the topics discussed in class	
LAB	Revision of Chapter 6	Learn the topics discussed in class	
WEEK 46: 09.02.26 to 14.02.26		Period Count: 06	
PD1	Revision of Chapter 6	Learn the topics discussed in class	
PD2	Revision	Learn the topics discussed in class	
PD3	Revision	Learn the topics discussed in class	-
PD4	Revision	Learn the topics discussed in class	
PD5	Revision	Learn the topics discussed in class	
LAB	Revision	Learn the topics discussed in class	

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre, Kamla Nagar, Kanpur

Book :
Publication :
Lesson :

Class :
Session: 20 - 20
Subject:

Lesson Plan

Ques 1.

Ans.

(Ref.: Page 18)

Ques 2.

Ans.

(Ref.: Page 18)

Ques 3.

Ans.

(Ref.: Page 18)

Note: This lesson contains one worksheets.



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Lesson plan implementation report

Session: 20 - 20

Term :
From Date :
Subject :
Book :

Assessment :
To Date :
Class :
No. of periods :

Section	Subject Teacher	Lesson/s to be covered according to lesson plan	Status Yes/No	Reason if not completed

Remarks:

Subject coordinator:

HOD: